



# **PUBLIC DISCLOSURE STATEMENT**

**BRAND ARCHITECTS**


**ORGANISATION CERTIFICATION  
FY2021-22 (TRUE-UP) AND  
FY2022-23 (PROJECTION)**

Australian Government  
**Climate Active**  
**Public Disclosure Statement**



An Australian Government Initiative



NAME OF CERTIFIED ENTITY	John Brand & Co Pty. Ltd, (trading as Brand Architects)
REPORTING PERIOD	FY2021-22 (true-up) and FY2022-23 (projection)
DECLARATION	<p><i>To the best of my knowledge, the information provided in this public disclosure statement is true and correct and meets the requirements of the Climate Active Carbon Neutral Standard.</i></p>  <p>Laurence Robinson          Director          10/5/23</p>



**Australian Government**  
**Department of Climate Change, Energy,  
 the Environment and Water**

Public Disclosure Statement documents are prepared by the submitting organisation. The material in the Public Disclosure Statement document represents the views of the organisation and do not necessarily reflect the views of the Commonwealth. The Commonwealth does not guarantee the accuracy of the contents of the Public Disclosure Statement document and disclaims liability for any loss arising from the use of the document for any purpose.

Version March 2022.



# 1. CERTIFICATION SUMMARY

TOTAL EMISSIONS OFFSET	138 tCO <sub>2</sub> -e
OFFSETS BOUGHT	ACCU – 42% CER – 43% VER – 15%
RENEWABLE ELECTRICITY	82%
TECHNICAL ASSESSMENT	25 February 2021 Madlen Jannaschk Cundall Johnston & Partners Next technical assessment due: 2024

## Contents

1. Certification summary .....	3
2. Carbon neutral information .....	4
3. Emissions boundary .....	5
4. Emissions reductions .....	7
5. Emissions summary .....	9
6. Carbon offsets .....	11
7. Renewable Energy Certificate (REC) Summary .....	15
Appendix A: Additional Information .....	16
Appendix B: Electricity summary .....	20
Appendix C: Inside emissions boundary .....	22
Appendix D: Outside emissions boundary .....	23
.....	24

## 2. CARBON NEUTRAL INFORMATION

### Description of certification

John Brand & Co Pty Ltd, trading as Brand Architects, ABN 320 063 361, certifies as an Organisation for our Australian business operations.

### Organisation description

Brand Architects (ABN 320 063 361) is committed to the delivery of innovative architecture with an environmental and social conscience. Our projects aim to reflect and promote the aspirations of the community they serve. As a key player in the development of the built environment, we consider the ethical concerns of space-making in a global climate emergency and incorporate sustainable best practice in designing buildings that are future-focused and contextually informed.

Our design aesthetic evolves through the detailed consideration of place, client objectives and user experience. Because we care as much about how our buildings are used as we do about how they look, we follow an 'inside out approach', where the experience and functionality of spaces influence our building form.

*“A commitment to carbon neutral operations ensures our practice upholds its social and environmental responsibility in creating a sustainable built environment for the future”*

## 3.EMISSIONS BOUNDARY

### Inside the emissions boundary

All emission sources listed in the emissions boundary are part of the carbon neutral claim.

**Quantified emissions** have been assessed as relevant and are quantified in the carbon inventory. This may include emissions that are not identified as arising due to the operations of the certified entity, however are **optionally included**.

**Non-quantified emissions** have been assessed as relevant and are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. All material emissions are accounted for through an uplift factor. Further detail is available at Appendix C.

### Outside the emissions boundary

**Excluded emissions** are those that have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary or are outside of the scope of the certification. These emissions are not part of the carbon neutral claim. Further detail is available at Appendix D.

Inside emissions boundary		Outside emission boundary
<p><b><u>Quantified</u></b></p> <ul style="list-style-type: none"> <li>Accommodation and facilities</li> <li>Cleaning and chemicals</li> <li>Electricity</li> <li>Food</li> <li>ICT services and equipment</li> <li>Postage, courier and freight</li> <li>Professional services</li> <li>Stationary energy</li> <li>Transport – air</li> <li>Transport – land and sea</li> <li>Waste</li> <li>Water</li> <li>Working from home</li> </ul>	<p><b><u>Non-quantified</u></b></p> <ul style="list-style-type: none"> <li>Refrigerants</li> </ul>	<p><b><u>Excluded</u></b></p> <p>N/A</p>

**Data management plan for non-quantified sources**

There are no non-quantified sources in the emission boundary that require a data management plan.

## 4. EMISSIONS REDUCTIONS

### Emissions reduction strategy

Brand Architects continue to follow a strategy to reduce the greenhouse gas emissions associated with our operations.

This year, while our overall emissions went up, because we increased our staff numbers significantly, emissions per staff member were actually down. The end of COVID lockdowns has also seen an inevitable rise in travel and the use of utilities in the office.

We will be aiming to further reduce our emissions in the 22/23 financial year with the following measures:

While we have 100% Greenpower for electricity on our office lease, the base building power is on a standard tariff, and this will limit our ability to control these emissions. The majority of our electricity emissions now come from the base building. We will lobby the landlord to purchase at least a component of the power as greenpower.

We will continue to transition our vehicle fleet to Hybrid or EV Vehicles. By the end of 2022/23 financial year, 50% of our fleet will be full EV and the remainder will be plug in Hybrid. All Hybrid vehicles are rated under 5.4litrs / 100km. We will aim to further cut overall travel km by the further utilization of Online collaboration software in 2021/22. We will target a further 10% reduction this year or around 2000km.

While the amount of working from home reduced this year, it still contributed over 10% of our total emissions. We will target a 20% reduction in this figure for the 22/23 financial year. We will continue to support staff traveling by public transport to the office.

Waste reduction in the office was a major focus this year. The strategy of removing personal waste bins at desks and segmenting all waste into recycling streams saw a 50% reduction this year, exceeding our target. We will aim to further reduce our waste to landfill by 30% year on year for the next 4 years.

ICT emissions went up slightly this year due entirely to growth in staff. We expect that emissions due to IT equipment will decrease by at least 10% in the next two years, as numbers are expected to be stable.

Our emissions from professional services were down 11% this year. We have commenced informing the consultants we engage that within 18months, we will move to a subconsultant engagement policy that requires companies to be on the path to Carbon neutrality. Our target this year will be a further 15% reduction in emissions through the use of accredited carbon neutral consultants.

Our office equipment emissions were down 25% this year and we will target further reductions through targeting paperless operations and minimizing the need to purchase further equipment.

A big shock this year was the growth in emissions from food and drink due to staff returning to the office and our ability to have social functions. This accounted for 15% of total emissions. We will monitor this during the year and budget a reduction in food and drink of at least 25% which should lead to a 5% in total emissions.

With the above measures, we hope to achieve a 20% reduction in emissions in the 2022/23 financial year, with our longer term target to reduce emissions by at least one third on the base year (2020) over 10 years.

## Emissions reduction actions

As COVID restrictions ease, the number of staff returning to the office, and business related travel has seen an increase. This has seen a subsequent rise in emissions associated with those categories. Emissions related to operating offices as staff return to work have also increased as the office remains open and used by a greater number of staff.

The following actions were taken during the 21/22 financial year:

- 100% use of Green Power for the tenancy.
- Availability of flexible working options for staff to continue to work remotely.
- Increasing number of meetings being shifted to online platforms

This year, we are planning the following specific actions, some of which will have a direct short term impact on emissions:

- We will further electrify our car fleet and work towards ensuring all charging is through Green Power sources.
- We will reduce our food and drink spend and seek out Carbon Neutral suppliers.
- We will seek to procure more of our stationery and paper through Accredited Carbon Neutral suppliers.
- We will lobby our landlord to purchase Green Powe for base building use.
- We will start our policy of prioritizing sub consultant contracts with Accredited Carbon Neutral companies.
- We will encourage staff to limit work from home and on site meetings where possible.



## 5. EMISSIONS SUMMARY

### Emissions over time

Emissions since base year		Total tCO <sub>2</sub> -e
Base year:	2019–20	137.3
Year 1:	2020–21	116.9
Year 2:	2021–22	137.3

### Significant changes in emissions

Emission source name	Current year (tCO <sub>2</sub> -e)	Previous year (tCO <sub>2</sub> -e)	Detailed reason for change
Electricity (market based)	10.5	13.1	100% green power purchased for full year resulting in a reduction in emissions
Food	20.9	0	Staff returning to office and opportunity to cater social functions has resulted in greater consumption of food
Computer and electrical components, hardware and accessories	16.3	0	Increase in staff numbers requiring laptops and equipment resulting in an increase in emissions
Computer and technical services	10.5	9.7	Increase in staff numbers requiring more technical services resulting in an increase in emissions
Accounting services	7.71	5.82	General increase in accounting service fees
Light rail and tram	5.06	0.251	Staff commuting to work as COVID restrictions ease resulting in increased use of public transport and subsequent emissions
Petrol – medium car	11.7	4.16	Staff commuting to work as COVID restrictions ease resulting in increased use of public transport and subsequent emissions
Working from home	14.8	22.4	Staff returning to work as COVID restrictions ease resulting in lowered emissions

## Use of Climate Active carbon neutral products and services

No climate active products or services were used in the 2021-22 financial year.

## Organisation emissions summary

The electricity summary is available in the Appendix B. Electricity emissions were calculated using a market-based approach.

The previous report was a projection report using representative data to estimate the emissions for the reporting year. This table shows the differences between the projected emissions and the actual emissions recorded.

Emission category	Projected emissions (tCO <sub>2</sub> -e)	Sum of total emissions (tCO <sub>2</sub> -e)
Accommodation and facilities	0.3	1.23
Air transport (km)	2.0	2.19
Cleaning and chemicals	0.5	0.73
Electricity	13.1	10.49
Food	0.0	20.87
ICT services and equipment	25.2	26.80
Land and sea transport (km)	13.2	23.33
Office equipment & supplies	14.1	9.57
Postage, courier and freight	0.2	0.61
Professional services	15.9	14.32
Stationary energy	2.1	4.44
Waste	1.9	0.95
Water	0.4	0.48
Working from home	22.4	14.8
<b>Total net emissions</b>	<b>111.3 tCO<sub>2</sub>-e</b>	<b>130.8 tCO<sub>2</sub>-e</b>
Projected minus actual =		<b>-19.5 tCO<sub>2</sub>-e</b>

## Uplift factors

An uplift factor is an upwards adjustment to the total carbon inventory to account for relevant emissions, which can't be reasonably quantified or estimated. This conservative accounting approach helps ensure the integrity of the carbon neutral claim.

Reason for uplift factor	tCO <sub>2</sub> -e
5% uplift factor has been applied to overall emissions data to account for data assumptions and refrigerants	6.54
Total of all uplift factors	6.54
<b>Total footprint to offset</b> <i>(total net emissions from summary table + total uplifts)</i>	<b>137.35</b>

## 6. CARBON OFFSETS

### Offsets retirement approach

#### Forward purchasing

1. Total eligible offsets forward purchased and retired in last year's report	117
2. Total emissions footprint to offset for this report	138
3. Total eligible offsets retired and used for this report	21
4. Total eligible offsets forward purchased and retired for next year's report	138
5. Total eligible offsets forward purchased and retired for next year's report plus any remaining banked offsets to be carried over	117

### Co-benefits

Biodiverse Reforestation Carbon Offsets in the Yarra Yarra Biodiversity Corridor remove CO<sub>2</sub> from the atmosphere whilst working to restore the environment. It works to enhance our shared natural capital with habitat restoration and land conservation to bring together social and economic benefits. The Yarra Yarra Biodiversity Corridor project looks at restoring habitat and vegetation in the northern wheatbelt of southwestern Australia, which is considered one of 35 global biodiversity hotspots for wildlife and plants, and the first one in Australia. It is home to an exceptionally high number of plant and animal species endemic to the area and not found anywhere else in the world.

Once home to a vibrant woodland, since the arrival of Europeans in the early 1900s, approximately 97% of the vegetation has been cleared for traditional farming. This project aims to revegetate the landscape of the corridor by employing local communities, including the local Aboriginal people to plant indigenous tree and shrub species throughout the region. A green corridor, linking the remaining patches of vegetation and 12 nature reserves, will be created to help restore ecosystems and preserve threatened flora and fauna.

The Yarra Yarra project recognises and continues to protect significant cultural heritage sites that are located in the project area, with 5 aboriginal heritage sites discovered in archaeological surveys now registered with the Department of Indigenous Affairs Registry.

The Ushdev wind power project looks to generate electricity from wind and connect it to the national grid. This project looks to install and operate six wind turbine generators (WTGs) in various villages in the Theni district in Tamil Nadu, India. The power generated will be supplied to the Unified Indian Grid.

The project will support social, economic and environmental outcomes within the region. The location of these turbines in rural areas will offer new employment opportunities for the local villagers and subsequently provide additional income sources.

## Eligible offsets retirement summary

Offsets cancelled for Climate Active Carbon Neutral Certification											
Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO <sub>2</sub> -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Batavia Savanna Burning Project	KACCU	ANREU	18/11/2022	8,346,190,462 - 8,346,190,521 Refer to Appendix A for Registry Entry	2021-22	60	60	-	60	-	0%
Biodiverse Reforestation Carbon Offsets <i>Yarra Yarra Biodiversity Corridor</i> , Western Australia	ABU		18/11/2022	12PWA322405B - 12PWA322482B		78	-	-	-	-	-
Stapled to: Wind Power Project by Ushdev International Limited in Tamil Nadu	CDM CER	ANREU	18/11/2022	275,134,792 - 275,134,869 Refer to Appendix A for Registry Entry	CP2	78	78	-	57	21	15%

**Offsets cancelled for Climate Active Carbon Neutral Certification**

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO <sub>2</sub> -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Mount Sandy Forest Conversation, South Australia	ABU	Gold Standard	20/12/2020	2019/4003-VOL001-6535 to 2019/4003-VOL001-6603	2020	69	-	-	-	-	-
Stapled to: InfraVest Changbin and Taichung bundled Wind Farms Project - Taiwan (300190)	VER		6/12/2020	GS1-1-TW-GS472-12-2017-6457-122553-122621 <a href="https://registry.goldstandard.org/credit-blocks/details/147673">https://registry.goldstandard.org/credit-blocks/details/147673</a>	2017	69	69	48	-	21	15%
Yarra Yarra Biodiversity Corridor	Gold Standard PER	Gold Standard	19/10/2021	12PWA237520B - 12PWA237557B <u>1,095,380,794 - 1,095,380,831</u>	2021	38	0	-	-	-	-
Stapled to: Sichuan Miyaluo Hydroelectric Project, China	CER	ANREU	25/10/2021	Refer to screenshot in Appendix A for Registry Entry	CP2 - 2013-16	38	38	-	-	38	28%

### Offsets cancelled for Climate Active Carbon Neutral Certification

Project description	Type of offset units	Registry	Date retired	Serial number (and hyperlink to registry transaction record)	Vintage	Stapled quantity	Eligible quantity (tCO <sub>2</sub> -e)	Eligible quantity used for previous reporting periods	Eligible quantity banked for future reporting periods	Eligible quantity used for this reporting period	Percentage of total (%)
Paroo River North Environmental Project	KACCU	ANREU	12/11/2021	<u>8,325,715,718 - 8,325,715,775</u>  Refer to screenshot in Appendix A for Registry Entry	2020-21	58	58	-	-	58	42%
<b>Total offsets retired this report and used in this report</b>										138	
<b>Total offsets retired this report and banked for future reports</b>									117		


Type of offset units	Quantity (used for this reporting period claim)	Percentage of total
Australian Carbon Credit Units (ACCU)	58	42%
Certified Emissions Reductions (CERs)	59	43%
Verified Emissions Reductions (VERs)	21	15%

## 7. RENEWABLE ENERGY CERTIFICATE (REC) SUMMARY

### Renewable Energy Certificate (REC) summary

N/A

# APPENDIX A: ADDITIONAL INFORMATION



[Change Password](#)
[Contact Us](#)
[Log Out](#)
[Help](#)

- ANREU Home
- Account Holders
- Accounts
- Unit Position Summary
- Projects
- Transaction Log
- CER Notifications
- Public Reports
- My Profile

Logged in as: Georgiana Rogers / Industry User

### Transaction Details

Transaction details appear below.

Transaction Successfully Approved

Transaction ID	AU24979
Current Status	Completed (4)
Status Date	18/11/2022 15:08:30 (AEDT) 18/11/2022 04:08:30 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Wilson, Raymond Glen
Transaction Approver	Rogers, Georgiana SA
Comment	Cancelled on behalf of Brand Architects to support their carbon neutral claim against the Climate Active Carbon Neutral Standard for Organisations FY 2021-22

#### Transferring Account

Account Number	AU-2545
Account Name	Carbon Neutral Pty Ltd
Account Holder	Carbon Neutral Pty Ltd

#### Acquiring Account

Account Number	AU-1068
Account Name	Australia Voluntary Cancellation Account
Account Holder	Commonwealth of Australia

#### Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			<a href="#">ERF102099</a>					2021-22		8,346,190,462 - 8,346,190,521	60



- [ANREU Home](#)
- [Account Holders](#)
- [Accounts](#)
- [Unit Position Summary](#)
- [Projects](#)
- [Transaction Log](#)
- [CER Notifications](#)
- [Public Reports](#)
- [My Profile](#)

## Transaction Details

Transaction details appear below.

<b>Transaction ID</b>	AU24980
<b>Current Status</b>	Completed (4)
<b>Status Date</b>	18/11/2022 15:12:45 (AEDT) 18/11/2022 04:12:45 (GMT)
<b>Transaction Type</b>	Cancellation (4)
<b>Transaction Initiator</b>	Wilson, Raymond Glen
<b>Transaction Approver</b>	Rogers, Georgiana S A
<b>Comment</b>	Cancelled on behalf of Brand Architects to support their carbon neutral claim against the Climate Active Carbon Neutral Standard for Organisations FY 2021-22.

### Transferring Account

<b>Account Number</b>	AU-2545
<b>Account Name</b>	Carbon Neutral Pty Ltd
<b>Account Holder</b>	Carbon Neutral Pty Ltd

### Acquiring Account

<b>Account Number</b>	AU-2764
<b>Account Name</b>	Voluntary Cancellation – CP2
<b>Account Holder</b>	Commonwealth of Australia

### Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERE Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
IN	CER	Kyoto Voluntary Cancellation	2	2					IN-6121			275,134,792 - 275,134,869	78

### Transaction Status History

Status Date	Status Code
18/11/2022 15:12:45 (AEDT) 18/11/2022 04:12:45 (GMT)	Completed (4)

- ANREU Home
- Account Holders
- Accounts
- Unit Position Summary
- Projects
- Transaction Log
- CER Notifications
- Public Reports
- My Profile

## Transaction Details

Transaction details appear below.

i Transaction Successfully Approved

Transaction ID	AU20108
Current Status	Sending (91)
Status Date	25/10/2021 16:55:07 (AEDT) 25/10/2021 05:55:07 (GMT)
Transaction Type	Cancellation (4)
Transaction Initiator	Wilson, Raymond Glen
Transaction Approver	Wilson, Raymond Glen
Comment	These units were cancelled on behalf of Brand Architects to support their carbon neutral claim against the Climate Active Carbon Neutral Standard FY 2021-22.

### Transferring Account

Account Number	AU-2545
Account Name	Carbon Neutral Pty Ltd
Account Holder	Carbon Neutral Pty Ltd

### Acquiring Account

Account Number	AU-2764
Account Name	Voluntary Cancellation – CP2
Account Holder	Commonwealth of Australia

### Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
CN	CER	Kyoto Voluntary Cancellation	2	2					CN-1966			1,095,380,794 - 1,095,380,831	38

### Transaction Status History

Status Date	Status Code
25/10/2021 16:55:12 (AEDT) 25/10/2021 05:55:12 (GMT)	Completed (4)

ANREU nationalregistry.cleanenergyregulator.gov.au/transaction/show/130186

### Transaction Details

Transaction details appear below.

**Transaction Successfully Approved**

<b>Transaction ID</b>	AU20297
<b>Current Status</b>	Completed (4)
<b>Status Date</b>	12/11/2021 12:19:57 (AEDT) 12/11/2021 01:19:57 (GMT)
<b>Transaction Type</b>	Cancellation (4)
<b>Transaction Initiator</b>	Foley, Rowan Paul Bulmer
<b>Transaction Approver</b>	Foley, Rowan Paul Bulmer
<b>Comment</b>	Retired on behalf of Brand Architects

Transferring Account				Acquiring Account			
<b>Account Number</b>	AU-2798	<b>Account Number</b>	AU-1068				
<b>Account Name</b>	Aboriginal Carbon Fund Limited	<b>Account Name</b>	Australia Voluntary Cancellation Account				
<b>Account Holder</b>	Aboriginal Carbon Fund Limited	<b>Account Holder</b>	Commonwealth of Australia				

### Transaction Blocks

Party	Type	Transaction Type	Original CP	Current CP	ERF Project ID	NGER Facility ID	NGER Facility Name	Safeguard	Kyoto Project #	Vintage	Expiry Date	Serial Range	Quantity
AU	KACCU	Voluntary ACCU Cancellation			<a href="#">ERF104646</a>					2020-21		8,325,715,718 - 8,325,715,775	58

### Transaction Status History

## APPENDIX B: ELECTRICITY SUMMARY

Electricity emissions are calculated using a market-based approach

### Market-based method

The market-based method provides a picture of a business's electricity emissions in the context of its renewable energy investments. It reflects the emissions intensity of different electricity products, markets and investments. It uses a residual mix factor (RMF) to allow for unique claims on the zero emissions attribute of renewables without double-counting.

### Location-based method

The location-based method provides a picture of a business's electricity emissions in the context of its location, and the emissions intensity of the electricity grid it relies on. It reflects the average emissions intensity of the electricity grid in the location (State) in which energy consumption occurs. The location-based method does not allow for any claims of renewable electricity from grid-imported electricity usage.

Market Based Approach Summary			
Market Based Approach	Activity Data (kWh)	Emissions (kgCO <sub>2</sub> e)	Renewable Percentage of total
Behind the meter consumption of electricity generated	0	0	0
<b>Total non-grid electricity</b>	<b>0</b>	<b>0</b>	<b>0</b>
LGC Purchased and retired (kWh) (including PPAs & Precinct LGCs)	0	0	0
GreenPower	37,702	0	64%
Jurisdictional renewables (LGCs retired)	0	0	0
Jurisdictional renewables (LRET) (applied to ACT grid electricity)	0	0	0
Large Scale Renewable Energy Target (applied to grid electricity only)	11,018	0	19%
Residual Electricity	10,549	10,496	0%
<b>Total grid electricity</b>	<b>59,269</b>	<b>10,496</b>	<b>82%</b>
<b>Total Electricity Consumed (grid + non grid)</b>	<b>59,269</b>	<b>10,496</b>	<b>82%</b>
Electricity renewables	48,720	0	
Residual Electricity	10,549	10,496	
<b>Exported on-site generated electricity</b>	<b>0</b>	<b>0</b>	
Emissions (kgCO <sub>2</sub> e)		10,496	
<b>Total renewables (grid and non-grid)</b>	<b>82.20%</b>		
<b>Mandatory</b>	<b>18.59%</b>		
<b>Voluntary</b>	<b>63.61%</b>		
<b>Behind the meter</b>	<b>0.00%</b>		
<b>Residual Electricity Emission Footprint (TCO<sub>2</sub>e)</b>	<b>10</b>		

*Figures may not sum due to rounding. Renewable percentage can be above 100%*

## Location Based Approach Summary

Location Based Approach	Activity Data (kWh)	Scope 2 Emissions (kgCO <sub>2</sub> e)	Scope 3 Emissions (kgCO <sub>2</sub> e)
Vic	59,269	53,935	5,927
<b>Grid electricity (scope 2 and 3)</b>	<b>59,269</b>	<b>53,935</b>	<b>5,927</b>
<b>Non-grid electricity (Behind the meter)</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total Electricity Consumed</b>	<b>59,269</b>	<b>53,935</b>	<b>5,927</b>
<b>Emission Footprint (TCO<sub>2</sub>e)</b>	<b>60</b>		
<i>Scope 2 Emissions (TCO<sub>2</sub>e)</i>	54		
<i>Scope 3 Emissions (TCO<sub>2</sub>e)</i>	6		

# APPENDIX C: INSIDE EMISSIONS BOUNDARY

## Non-quantified emission sources

The following sources emissions have been assessed as relevant, are captured within the emissions boundary, but are not measured (quantified) in the carbon inventory. They have been non-quantified due to one of the following reasons:

1. **Immaterial** <1% for individual items and no more than 5% collectively
2. **Cost effective** Quantification is not cost effective relative to the size of the emission but uplift applied.
3. **Data unavailable** Data is unavailable but uplift applied. A data management plan must be put in place to provide data within 5 years.
4. **Maintenance** Initial emissions non-quantified but repairs and replacements quantified.

Relevant-non-quantified emission sources	(1) Immaterial	(2) Cost effective (but uplift applied)	(3) Data unavailable (but uplift applied & data plan in place)	(4) Maintenance
Refrigerants	Yes	Yes	No	No

## APPENDIX D: OUTSIDE EMISSIONS BOUNDARY

### Excluded emission sources

The below emission sources have been assessed as not relevant to an organisation's or precinct's operations and are outside of its emissions boundary. These emissions are not part of the carbon neutral claim. Emission sources considered for relevance must be included within the certification boundary if they meet two of the five relevance criteria. Those which only meet one condition of the relevance test can be excluded from the certification boundary.

Emissions tested for relevance are detailed below against each of the following criteria:

1. **Size** The emissions from a particular source are likely to be large relative to the organisation's electricity, stationary energy and fuel emissions
2. **Influence** The responsible entity has the potential to influence the reduction of emissions from a particular source.
3. **Risk** The emissions from a particular source contribute to the organisation's greenhouse gas risk exposure.
4. **Stakeholders** Key stakeholders deem the emissions from a particular source are relevant.
5. **Outsourcing** The emissions are from outsourced activities previously undertaken within the organisation's boundary, or from outsourced activities typically undertaken within the boundary for comparable organisations.

To be deemed relevant and emission must meet two of the five relevance criteria. No emissions have been excluded from the emissions boundary.



An Australian Government Initiative

